R/C LightMaster™

RCLM-8350-OS

R/C Lighting System Controller

USER MANUAL

Features:

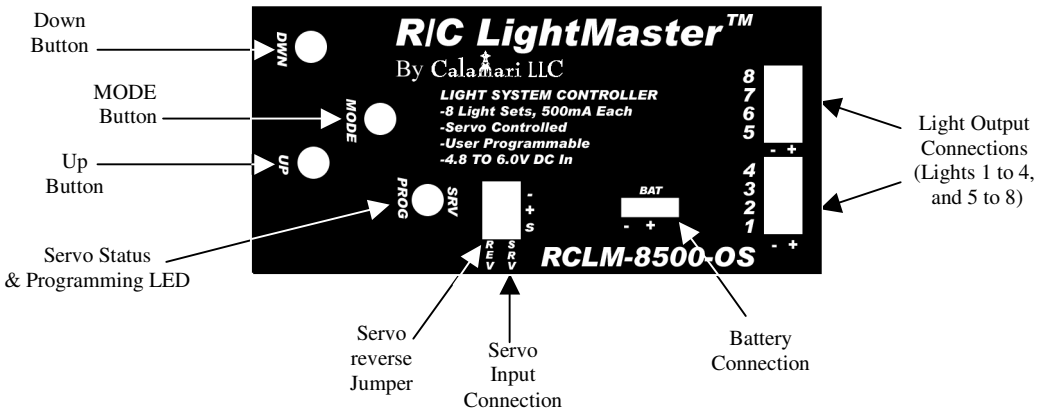
- 8 Light Outputs
- Servo input than can control any light(s)
- Standard battery and servo connections
- User programmable light settings
- No chance of interference—Optical isolation of the servo input keeps the radio and lighting electrically separate

Specifications:

- 4.8 to 6.0V0 power source for Controller
- 350mA max current for each light output
- 1.2 oz (34g) without battery
- 3.15"L x 1.58"w x 0.59"h
- 4.8 to 6.0 Volt servo signal Input

SETTING IT UP:

1) Plug the light(s) into the Light Output Connections
2) Plug your battery or switch into the Battery Connection
3) If controlling light(s) with a servo output, plug one end of the included servo connection cable into the R/C LightMaster™ and into your receiver or y-connector



HOW THE SYSTEM WORKS:

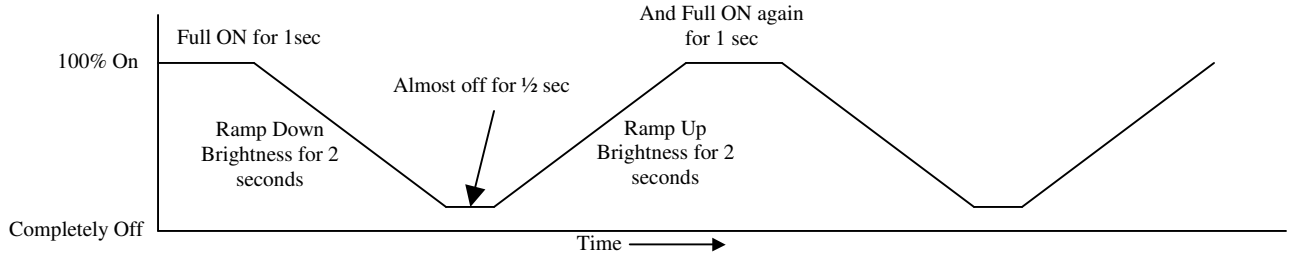
Each light has 7 user programmable settings, allowing you to customize what each light does. The 7 settings are listed below with examples to show how it all works.

1) **Servo Control:** If set to YES, the light will be activated and deactivated by the servo input signal
2) **ON Brightness:** The brightness of the light when it is ON
3) **OFF Brightness:** This brightness of the light when it is OFF
4) **ON Time:** How long the light is kept ON
5) **Ramp OFF Time:** How long the light will take to ramp down from the ON to the OFF brightness
6) **OFF Time:** How long the light is kept OFF
7) **Ramp ON Time:** How long the light will take to ramp up from the OFF to the ON brightness

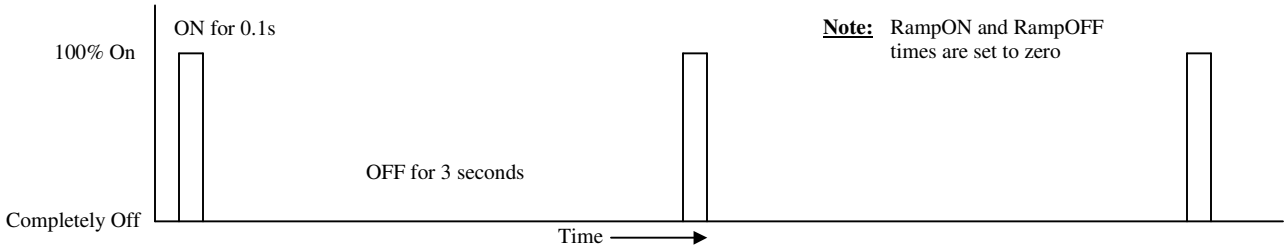
FACTORY DEFAULT SETTINGS:

				BRIGHTNESSES		CYCLE TIMES			
#	Type:	Description:	Servo Control	ON	OFF	ON	RampOFF	OFF	RampON
1	Landing Light	Light that is full bright--Servo Controlled	ON	100%	0%	4s	0	0	0
2	Landing Light	Light that is full bright--Servo Controlled	ON	100%	0%	4s	0	0	0
3	Strobe	Flashes every 3 seconds—Servo Controlled	ON	100%	0%	0.1s	0	3s	0
4	Beacon	Slowly brightens then dims—Servo Controlled	ON	100%	7%	1s	2s	0.5s	2s
5	NAV Light	Always On, Full Bright	OFF	100%	0%	4s	0	0	0
6	NAV Light	Always On, Full Bright	OFF	100%	0%	4s	0	0	0
7	Strobe	Flashes every 3 seconds	OFF	100%	0%	0.1s	0	3s	0
8	Beacon	Slowly brightens then dims	OFF	100%	7%	1s	2s	0.5s	2s

BEACON SETTING EXAMPLE:


Full ON for 1sec
And Full ON again for 1 sec
100% On
Almost off for ½ sec
Ramp Down Brightness for 2 seconds
Ramp Up Brightness for 2 seconds
Completely Off
Time

STROBE SETTING EXAMPLE:



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